

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-22 12:18:37

Date of Next Testing: 2027-11-21 12:18:37

Product Name: **Phloxine B**

CAS Number: 18472-87-2

Specifications & Purity: AR, Dye content ≥80%

Lot #: K2320013

SKU #: **P102688**

Version: **0**

Analysis #: **298070**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Loss on drying(105°C)	0-10 (%)	4.10000 %
Specific abs. A	875-1300	1200.00000
Purity(UV method)(calcd.on anh.substance)	80-100 (%)	97.01000 %
λ max(in 50:50 METHS:H2O)	546-550 (nm)	548.00000 nm
Absorpt. Ratio P-15/P+15	1.38-2.24	2.22000
Appearance (P102688)	red to brown powder	red to brown powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility,Red clear solution(1 mg/mL, H2O)	pass	Pass



John Su
QA & QC Manager